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Jan. 12, 2001  
(Date)

Mary Rutkowska  
(Printed Name)

Mary Rutkowska  
(Signature)

Docket No. SEE 36525/US/N3

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

**APPLICATION OF:** Willem F. Broekaert et al.

**SERIAL NUMBER:** Not Assigned

**GROUP ART UNIT:** Not Assigned

**FILED:** Not Assigned

**EXAMINER:** Not Assigned

**FOR:** Biocidal Proteins

Assistant Commissioner for Patents  
Washington, DC 20231

**PRELIMINARY AMENDMENT**

Sir:

Prior to a first Office Action, please amend the above-identified patent application as follows.

**IN THE CLAIMS:**

Cancel claim 1 without prejudice.

Add the following new claims.

--44. An isolated DNA sequence encoding an antimicrobial protein having the amino acid sequence of amino acids 30-80 of SEQ ID NO: 49 or the amino acid sequence of amino acids 30-80 of SEQ ID NO: 59.

45. The isolated DNA sequence of claim 44 wherein said DNA sequence encodes the amino acid sequence of amino acids 30-80 of SEQ ID NO: 49.

46. The isolated DNA sequence of claim 45 wherein said DNA sequence has the sequence of bases 103-255 of SEQ ID NO: 48.

47. The isolated DNA sequence of claim 44 wherein said DNA sequence encodes the amino acid sequence of amino acids 30-80 of SEQ ID NO: 59.